





PAGER Version 4

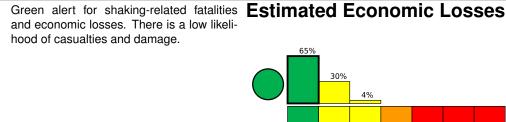
Created: 1 day, 0 hours after earthquake

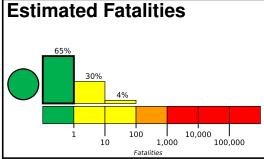
M 6.6, 124 km NW of Tarauac, Brazil

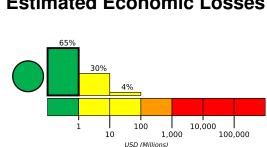
Origin Time: 2024-01-20 21:31:05 UTC (Sat 16:31:05 local) Location: 7.2812° S 71.4729° W Depth: 614.5 km

Estimated Fatalities 10,000 100,000 1,000

and economic losses. There is a low likelihood of casualties and damage.







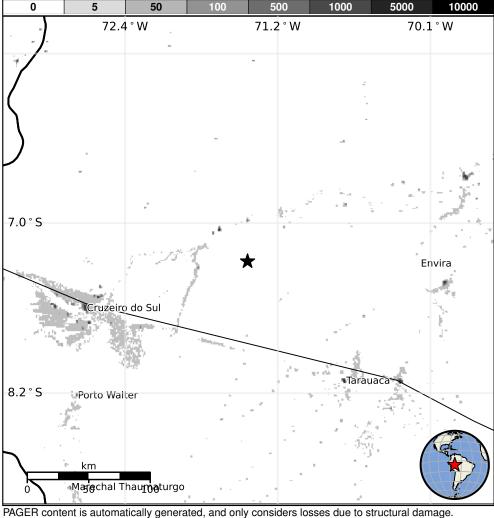
Estimated Population Exposed to Earthquake Shaking

ESTIMATED POPULATION EXPOSURE (k=x1000)		_*	320k	0	0	0	0	0	0	0
ESTIMATED MODIFIED MERCALLI INTENSITY		I	11-111	IV	V	VI	VII	VIII	IX	X+
PERCEIVE	SHAKING	Not felt	Weak	Light	Moderate	Strong	Very Strong	Severe	Violent	Extreme
POTENTIAL DAMAGE	Resistant Structures	None	None	None	V. Light	Light	Moderate	Mod./Heavy	Heavy	V. Heavy
	Vulnerable Structures	None	None	None	Light	Moderate	Mod./Heavy	Heavy	V. Heavy	V. Heavy

^{*}Estimated exposure only includes population within the map area.

Population Exposure

population per 1 sq. km from Landscan



Structures

Overall, the population in this region resides in structures that are highly vulnerable to earthquake shaking, though some resistant structures exist. The predominant vulnerable building types are mud wall and reinforced/confined masonry construction.

Historical Earthquakes

Date (UTC)	Dist. (km)	Mag.	Max MMI(#)	Shaking Deaths
1986-07-14	284	4.9	III(17k)	_
1974-02-12	372	4.6	IV(5k)	_

Selected City Exposure

nom deorvames.org				
MMI	City	Population		
II	Tarauaca	17k		
П	Mancio Lima	7k		
П	Feijo	13k		
II	Envira	10k		
П	Eirunepe	17k		
II	Cruzeiro do Sul	80k		
II	Porto Walter	2k		
II	Marechal Thaumaturgo	2k		

bold cities appear on map.

(k = x1000)

Limitations of input data, shaking estimates, and loss models may add uncertainty. https://earthquake.usgs.gov/earthquakes/eventpage/us6000m52p#pager

Event ID: us6000m52p